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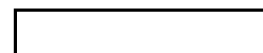
BRIEF

PHOTOGRAPHIC INTERPRETATION REPORT



[REDACTED]

KURUMOCH ROCKET ENGINE TEST FACILITY USSR



25X1

AUGUST 1966

COPY 101

4 PAGES

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Declass Review by NIMA/DOD

GROUP 1 EXCLUDED FROM
AUTOMATIC DOWNGRADING
AND DECLASSIFICATION

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August 1966

NATIONAL PHOTOGRAPHIC INTERPRETATION CENTER

NAME

Kurumoch Rocket Engine Test Facility

COUNTRY

GEO COORDINATES

USSR

53-32N 049-50E

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USATC, Series 200, Sheet 0165-17A, 3d ed, Jan 60 (S)

Cloud-free sections of various photographic exposures from [] provide good-quality, nearly complete stereo coverage of the Kurumoch Rocket Engine Test Facility, USSR (Figure 1). This is one of 8 similar facilities in the USSR having large vertical test stands for test firing liquid propellant rocket engines. No significant new construction is evident; however, numerous structural details and pieces of equipment are visible for the first time. Figure 2 depicts the test stands, and some support buildings and equipment/components can be seen in Figure 3.

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Test Stand No 1 measures 85 feet (ft) E-W by 70 ft N-S, with a partial-width overhang measuring [] E-W by 40 ft N-S. It is identical in basic construction to stands at test facilities at Perm and Krasnoyarsk. Extensive erosion and dark stains in the flame bucket indicate frequent use of the stand. A dark-toned possible missile component, [] is visible on the rail spur from the checkout building to the stand. Two cylindrical tanks/possible missile components, approximately 30 by 5 ft, are at the base of the stand.

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Test Stand No 2 has a "top hat" structure [] which rests on a full-width overhang 50 ft E-W which projects [] resulting in an overall length of []. Dark stains from recent tests are visible in the blast pit. This stand is identical in basic construction to stands at test facilities at Omsk and Voronezh. A crated possible missile component, [] which appears to be on a trailer is visible near the checkout building.

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Test Stand No 3 has 2 nearly identical test positions, the easternmost of which is stained from recent test activity. Test Stands Nos 4 and 5 are basically identical and closely resemble the configuration of Stand No 2. They measure approximately 60 by 35 ft overall and share support facilities. Dark stains are visible at Stand No 5, but only faint stains appear at Stand No 4.

Basically identical air liquefaction plants are connected by pipelines to Stands Nos 1 and 2. A vehicle pulling a slightly tapered possible missile component/propellant carrier, [] is visible in motion at several locations in the facility, in 1 instance moving from near Stands Nos 4 and 5 to the air liquefaction plant near Stand No 1. Trucks, tank cars, and pieces of equipment are also visible in the facility.

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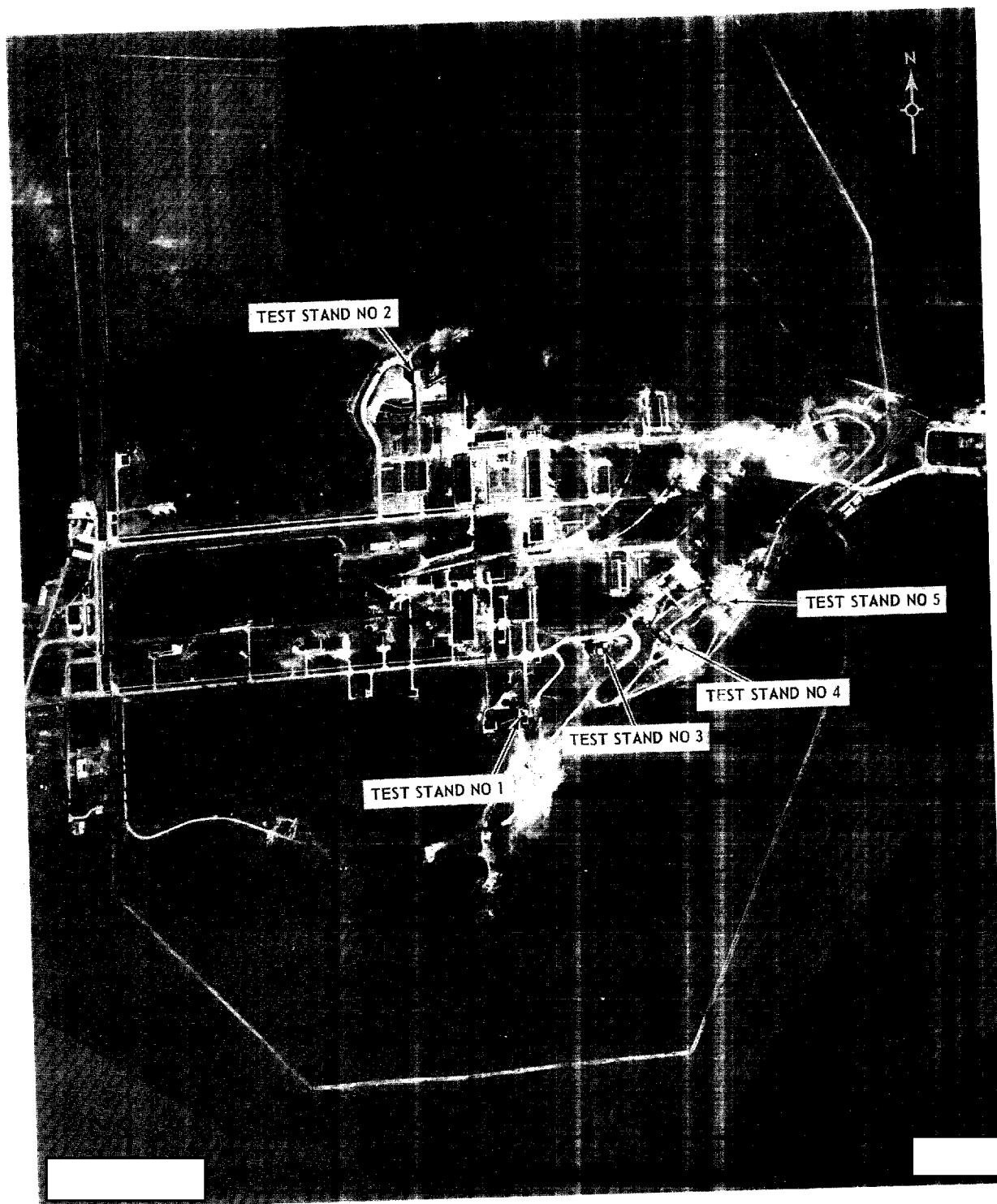
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FIGURE 1. MOSAIC OF KURUMOCH ROCKET ENGINE TEST FACILITY, USSR.

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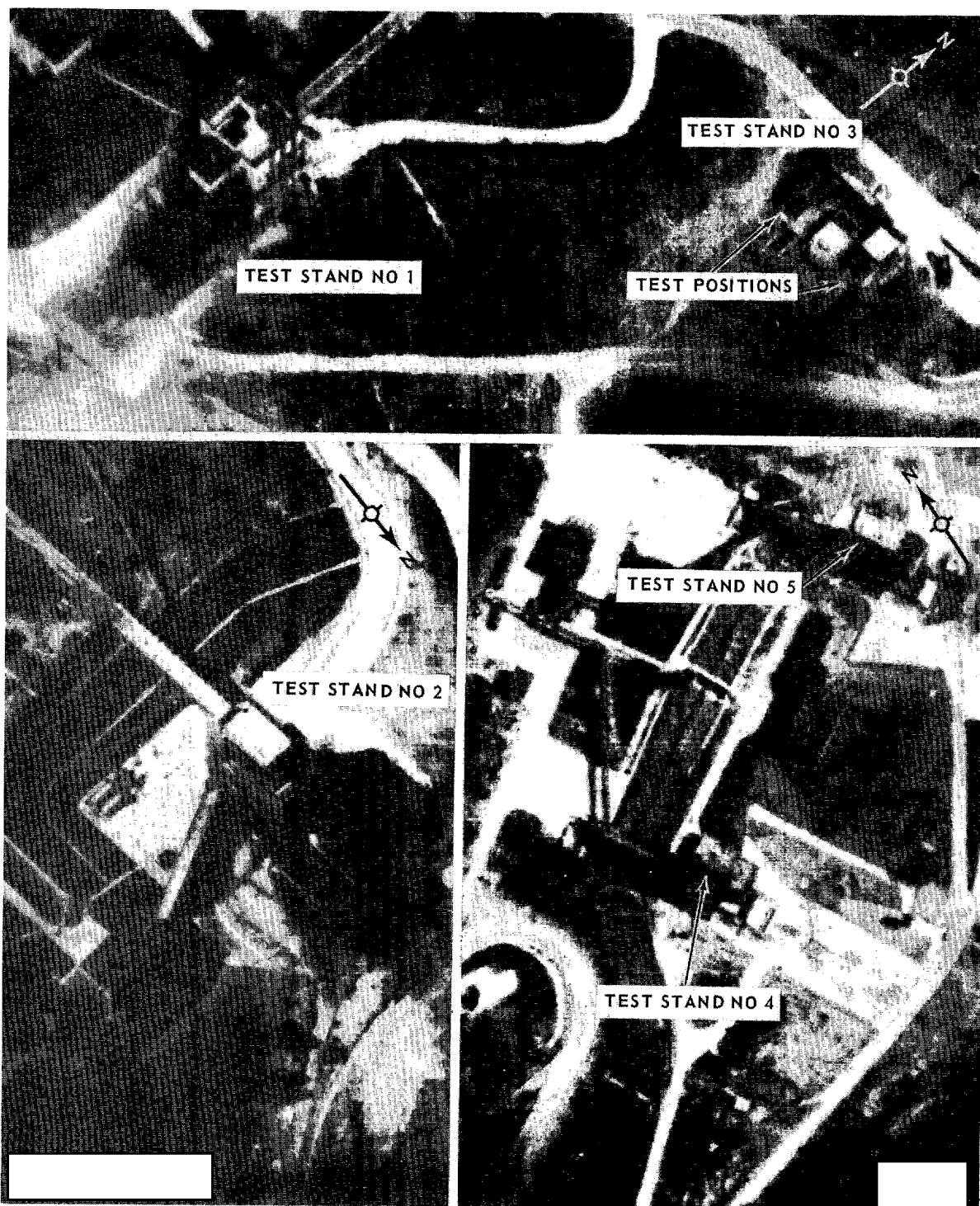


FIGURE 2. TEST STANDS, KURUMOCH, USSR.

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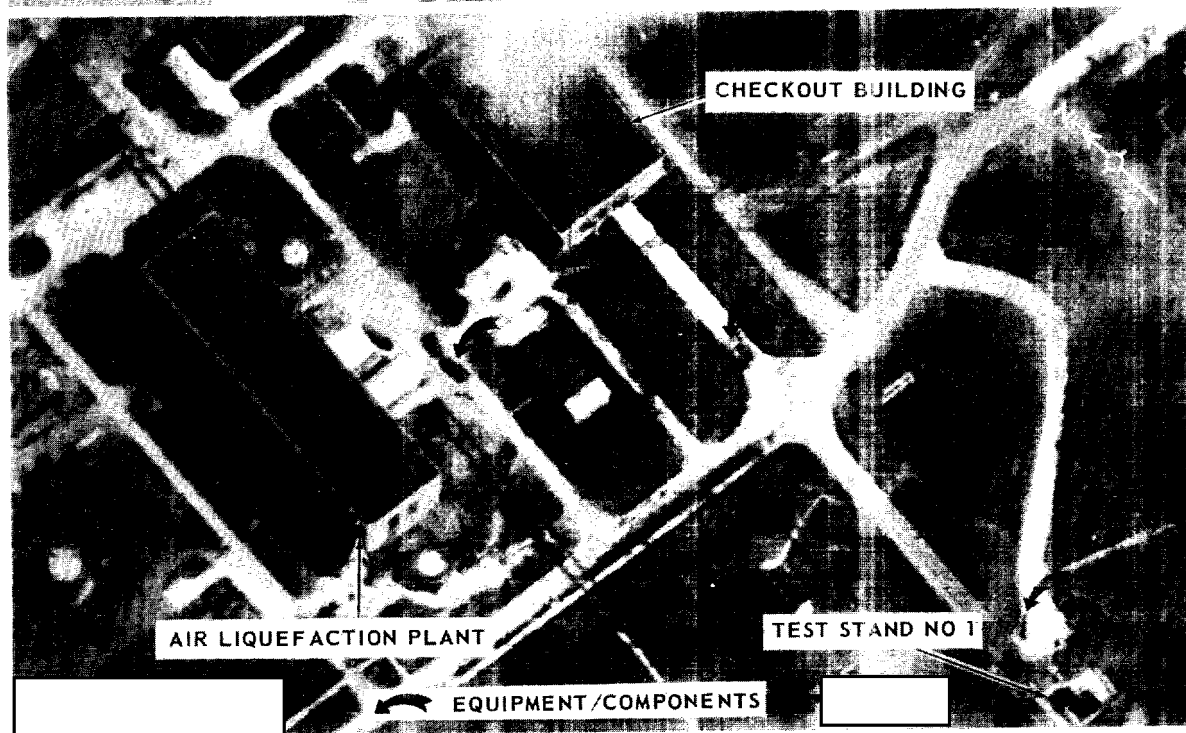
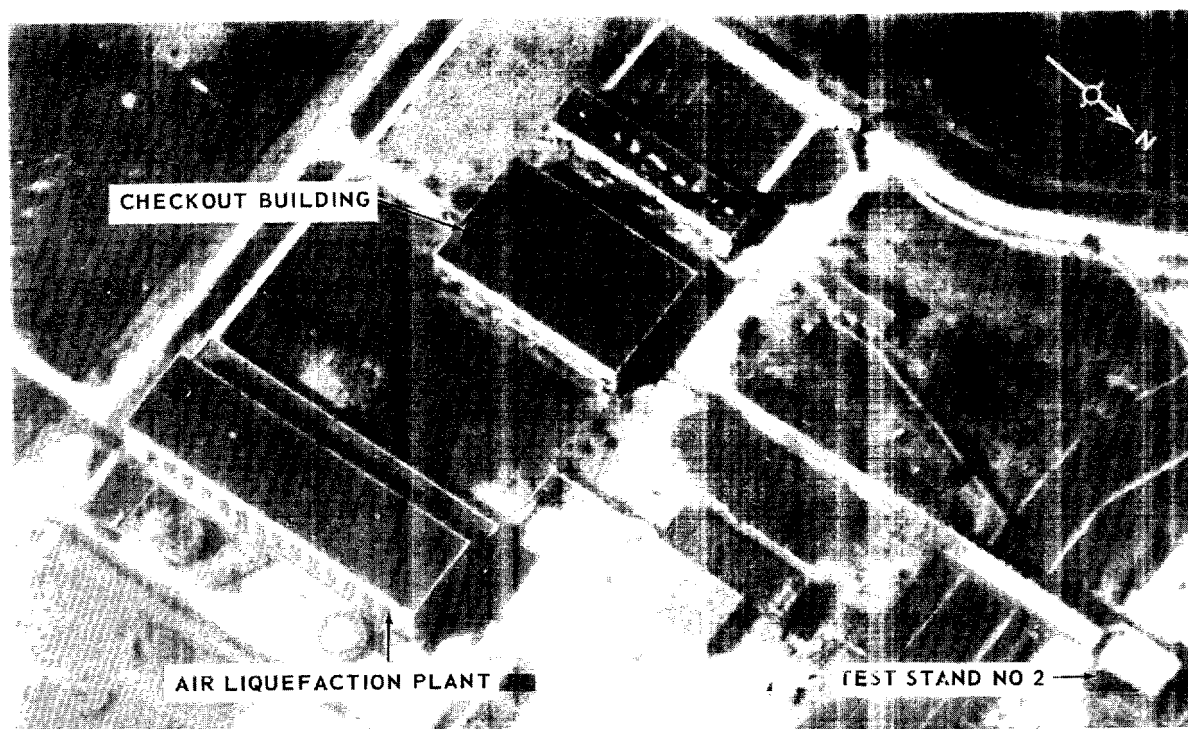
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FIGURE 3. SUPPORT BUILDINGS AND EQUIPMENT, FIDELMOCH, USSR.

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